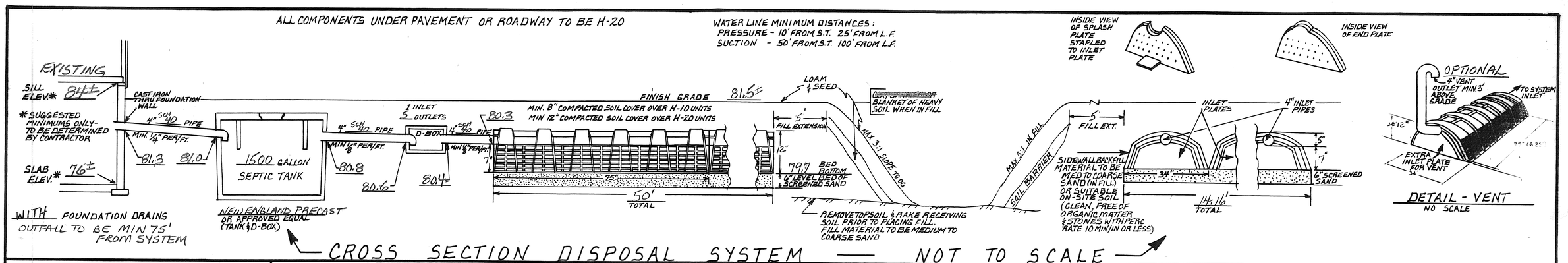


BENCH MARKS (ASSUMED DATUM)

#1: SET PK EL 80.10

#2: SET PK EL 79.42

~~#3 DATUM~~: TOP 1PIN (BENT) EL 67.74

#4 SET NAIL 15" PINE EL 75.78

SOIL CLASSES

SOURCE: USDA-SCS-SOIL SURVEY AND APPROVED SUBDIVISION PLANS

60B CHATFIELD-HOLLIS-CANTON

523BH POORLY DRAINED

NOTES

1. THIS PLAN IS NOT TO BE CONSTRUED AS A LOT SURVEY. FOR N.H.W.S.&P.C. SUBMITTAL ONLY. REF ROCD PLAN #D16404
2. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE
3. SUBDIVISION APPROVAL # 23476
4. CONTRACTOR MUST:
   A. VERIFY TOWN ZONING AND BUILDING REQUIREMENTS AT TIME OF CONSTRUCTION.
   B. NOTIFY DESIGNER IMMEDIATELY OF ANY DISCOVERED DISCREPANCIES AFFECTING SYSTEM DESIGN.
5. DESIGN INTENT: BED BOTTOM TO BE PLACED NO LOWER THAN 18" ABOVE GRADE AT HIGH CONTOUR (EL 78.2) EQUALS 21" ABOVE GRADE AT EL 78.0 (TEST PIT) - 75%± OF BED AREA DOWNSLOPE

LEGEND

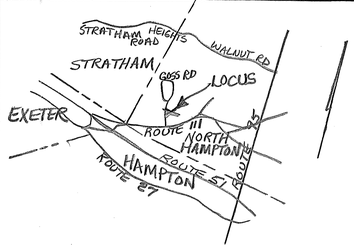
95 — EXIS CONTOUR

(95) - - - PROPOSED CONTOUR

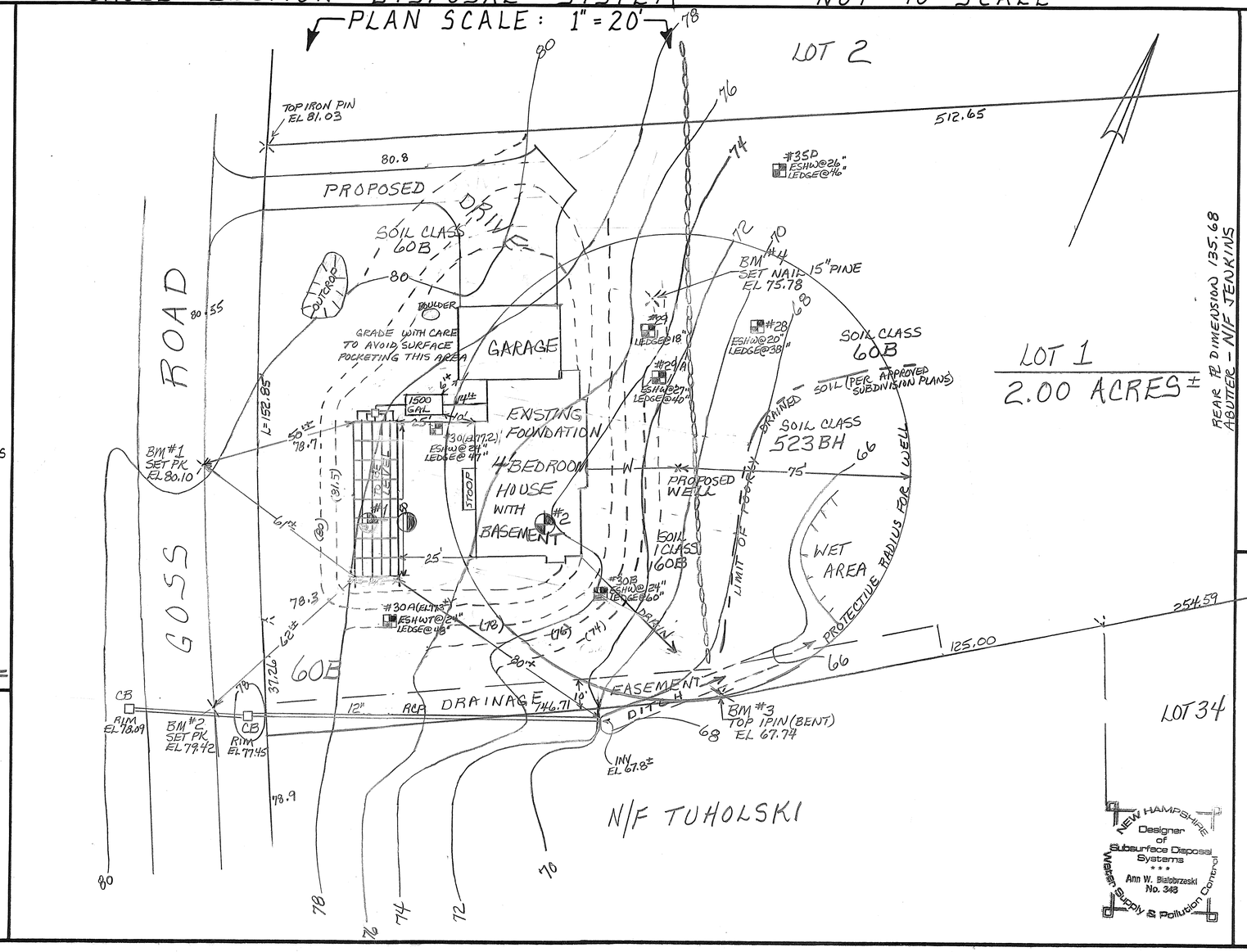
TEST PIT BY THIS DESIGNER

TEST PIT FROM APPROVED SUBDIVISION PLANS

6. SUITABLE REPLACEMENT AREA = IN PLACE OR REDESIGN



LOCUS MAP
NOT TO SCALE



TEST PIT DATA

DATE: 4/11/94

TOWN INSPECTOR: N/A

#1 EL 77.8

3"	LOAM & ROOT MAT
12"	10YR 4/6 GRAVELLY FINE SANDY LOAM GRANULAR FRIABLE
27"	2.5Y 4/4 GRAVELLY FINE SANDY LOAM GRANULAR FRIABLE
54"	2.5Y 5/4 GRAVELLY FINE SANDY LOAM SOMEWHAT FIRM IN PLACE, MOTTLED
	LEDGE

ESHWT @ 27" ROOTS TO 30", NO OBS H2O, REFUSAL @ 54"

#2 EL 74.1

3"	LOAM & ROOT MAT
15"	7.5 YR 4/4 TO 4/6 GRAVELLY FINE SANDY LOAM W/ COBBLES GRANULAR FRIABLE
26"	2.5Y 5/6 GRAVELLY FINE SANDY LOAM GRANULAR FRIABLE
48"	2.5Y 5/4 GRAVELLY FINE SANDY LOAM, FIRM IN PLACE MOTTLED
	LEDGE

ESHWT @ 26" ROOTS TO 26" NO OBS H2O, REFUSAL @ 48"

PERC TEST DATA

DATE: 4/11/94

DEPTH OF HOLE: 24"

PERC RATE: 10 MIN/IN

DESIGN LOADING: 4 BEDROOMS

CONVENTIONAL AREA REQUIRED: 1100 x 0.60 =

CHAMBER AREA REQUIRED: 660 SF

AREA PROVIDED: 14.16 x 50 = 708 SF BED AREA

NUMBER OF UNITS: 40 CHAMBERS x 18 SF EACH = 720 SF EFFECTIVE AREA

PROPOSED INFILTRATOR LEACHING SYSTEM

LOCATION: LOT 1 GOSS ROAD NORTH HAMPTON

OWNER: LANDMARK BUILDERS 861 LAFAYETTE RD HAMPTON NH 03842

APPLICANT: STOCKTON SERVICES PO BOX 1306 HAMPTON, NH 03843

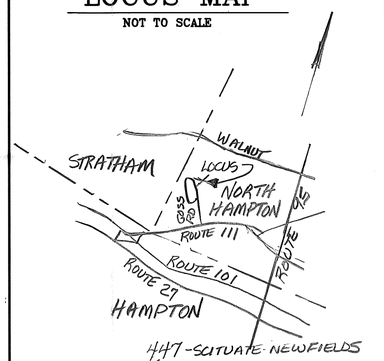
DATE: 5/10/94 *AMENDED 6/8/95

APPROVAL: 204122*

163 LOT 1

LOCUS MAP

NOT TO SCALE



SOIL CLASS: 538 - SQUAMSCOTT

(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: ASSUMED DATUM

#1 TOP IRON PIN @ GOSS RD EL 50.29

#2 TOP IRON PIN NEAR SYSTEM EL 49.67

#3 FND HUB EL 50.00

DESIGN INTENT: BED BOTTOM TO BE PLACED NO LOWER THAN 17 ABOVE EXISTING GRADE, UPSLOPE SIDE (EXIS GRADE = EL 48.3). EQUALS 24" ABOVE GRADE AT EL 48.0 90+% OF BED AREA DOWNSLOPE

SUITABLE REPLACEMENT AREA:

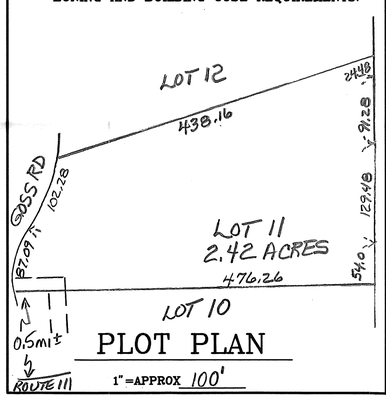
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

- EXISTING CONTOUR
- PROPOSED CONTOUR
- 50.0 EXISTING SPOT ELEVATION
- (50.0) PROPOSED SPOT ELEVATION

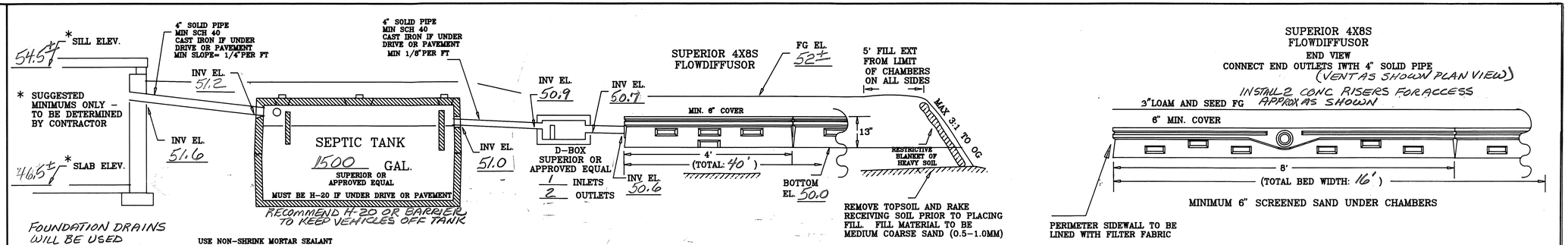
NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: RCRD PLAN D 16404
2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: 23476
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. LEACH FIELD SETBACKS:
   FROM WELL 80'±
   FROM HYDRIC B 75' (TOWN RULE)
   FROM HYDRIC A N/A
5. INSTALLER IS RESPONSIBLE FOR KNOWLEDGE OF AND COMPLIANCE WITH APPLICABLE TOWN ZONING AND BUILDING CODE REQUIREMENTS.

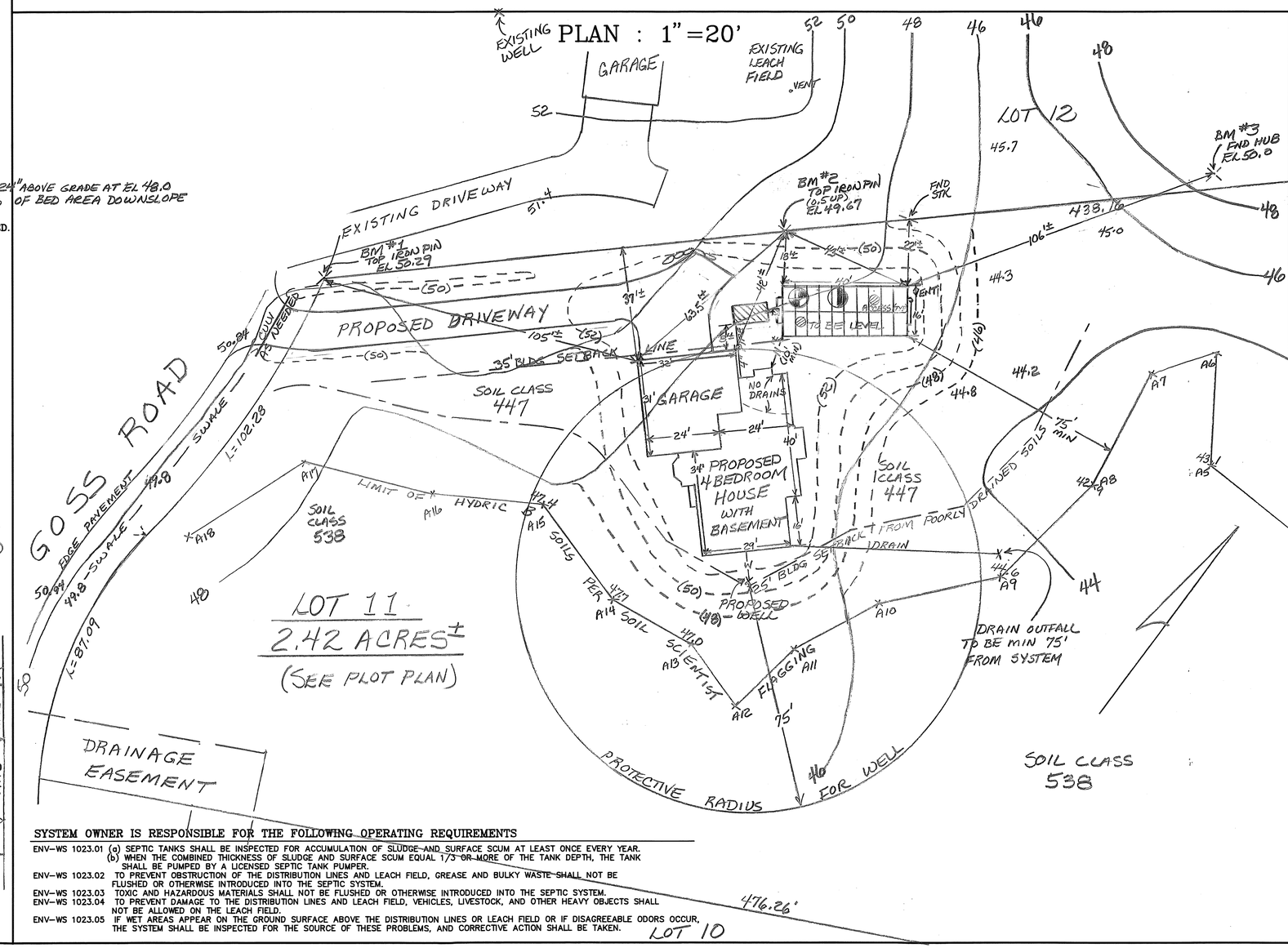


PLOT PLAN

1"=APPROX 100'



CROSS SECTION DISPOSAL SYSTEM - NOT TO SCALE



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA

DATE: 9/10/93

TOWN INSPECTOR: N/A LOGGED BY J.H. LONG (SOIL SCIENTIST)

3"-0" FOREST MAT
0"-3" 2.5Y 4/2 (DARK GRAYISH BROWN) VERY FINE SANDY LOAM GRANULAR FRIABLE
3"-24" 10YR 4/4 (DARK YELLOWISH BROWN) FINE SANDY LOAM GRANULAR FRIABLE
24"-30" 2.5Y 5/3 (LIGHT OLIVE BROWN) WITH MOTTLES LOAMY FINE SAND GRANULAR FRIABLE
30"-42" 5Y 5/3 (OLIVE) WITH MOTTLES VERY FINE SAND MASSIVE FRIABLE
42"-108" 5Y 3/3 (OLIVE) WITH MOTTLES MEDIUM SAND MASSIVE FRIABLE

ESHWT @ 24"
OBS WATER: NONE
ROOTS TO 36"
REFUSAL: NONE
RESTRICTIVE: NONE

PERC TEST DATA

DATE: 9/10/93 (BY JH LONG)

PERC RATE: 6 MIN/IN @ 30"

DESIGN LOADING: 4 BEDROOMS

AREA REQUIRED: 900 SF X 0.6 = 540 SF

AREA PROPOSED: 16 x 40 = 640 SF PROVIDED (TWENTY 4'x8' OR TEN 8'x8' CHAMBERS MAY BE USED)

PROPOSED

SEPTIC SYSTEM PLAN

LOCUS: LOT 11 GOSS ROAD NORTH HAMPTON, NH

OWNER: TELERAN CONSTRUCTION 14 BROWN AVE STRATHAM, NH 03885

NEW HAMPSHIRE Designer of Subsurface Disposal Systems Ann W. Bialobrzeski No. 343 Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843-1306

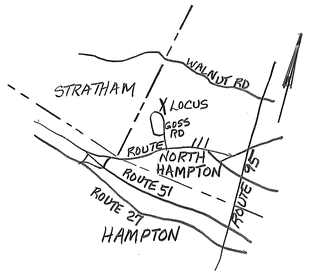
DATE: 5/13/97 (6/2/97)

APPROVAL: CA1997002380

163 LOT 11

LOCUS MAP

NOT TO SCALE



SOIL CLASS: 42B CANTON #447B SCITUATE NEWFIELDS

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET PK EL 56.07

#2 TOP IRON PIN EL 56.82

#3 SET NAIL 15" MAPLE EL 51.82

#4 SET NAIL 36" OAK EL 49.20

DESIGN INTENT: BED BOTTOM TO BE PLACED NO LOWER THAN 10" ABOVE EXISTING GRADE, UPSLOPE SIDE (EXIS GRADE = 53.0'). EQUALS 24" ABOVE GRADE AT EL 51.8 (SEE PLAN VIEW) 54% OF BED AREA DOWNSLOPE

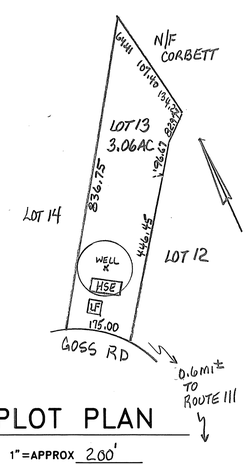
SUITABLE REPLACEMENT AREA: SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

50	EXISTING CONTOUR
(50)	PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

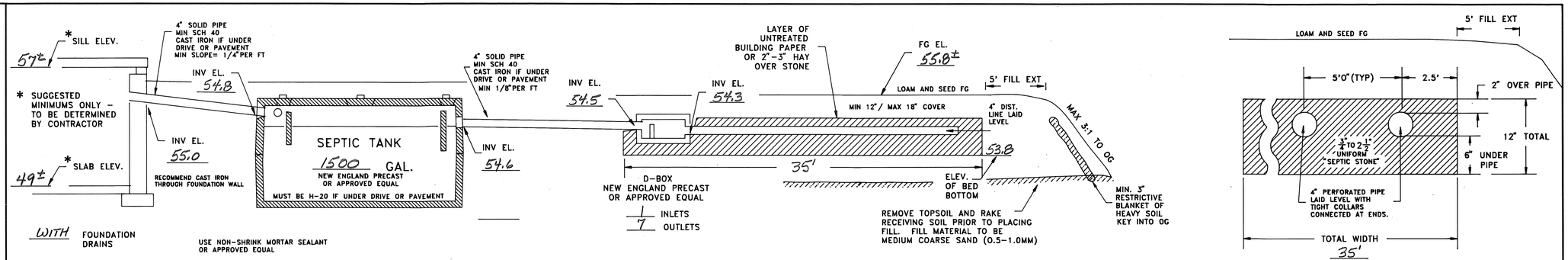
NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: BCAD PLAN #D16404
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: #23476
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 75' OF PROPOSED SYSTEM.

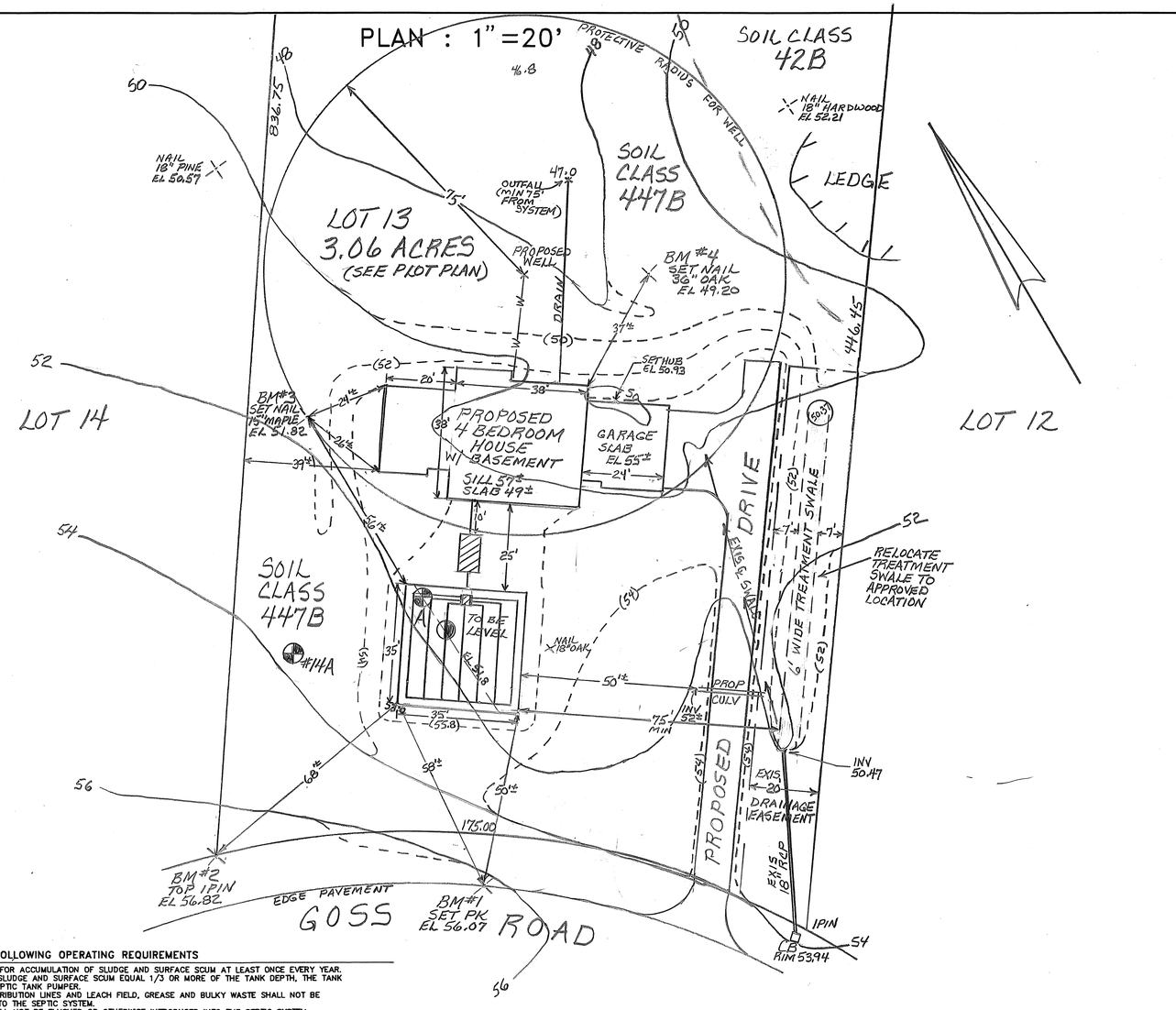


PLOT PLAN

1" = APPROX 200'



CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA

DATE: 6/9/93

TOWN INSPECTOR: N/A

PIT A EL 51.8

0–6" DARK BROWN (10YR 3/3) LOAM & ROOT MAT
6–24" DARK YELLOWISH BROWN (10YR 4/4 TO 4/6) FINE SANDY LOAM, GRANULAR FRIABLE
24–72" LIGHT OLIVE BROWN (2.5Y 5/3) LOAMY FINE SAND SOME SILTS, MOTTLED, BLOCKY, FIRM IN PLACE
ESHWT @ 24", ROOTS TO 24"±, NO OBS H_2O, NO REFUSAL

PIT #14A (FROM APPROVED SUBDIVISION PLANS) EL 53.7 10/13/86

0–2" VERY DARK BROWN FINE SANDY LOAM, GRAN, FRIABLE
2–24" DARK YELLOWISH BROWN FINE SANDY LOAM FRIABLE, GRANULAR
24–92" OLIVE FINE SANDY LOAM (K) WITH PROMINENT GRAY MOTTLES, PLATY, VERY FIRM
ESHWT @ 24", PERC RATE: 11 MIN/IN @ 18"

PERC TEST DATA

DATE: 6/9/93

PERC RATE: 12 MIN/IN DEPTH: 24"

DESIGN LOADING: 4 BEDROOMS

AREA REQUIRED: 1200 SF

AREA PROPOSED: 35' × 35' = 1225 SF

PROPOSED

SEPTIC SYSTEM PLAN

LOCUS: LOT 13 GOSS ROAD NORTH HAMPTON, NH

OWNER: LANDMARK BUILDERS 861 LAFAYETTE RD HAMPTON, NH 03842

NEW HAMPSHIRE Designer of Subsurface Disposal Systems Ann W. Bialobrzeski No. 348 Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

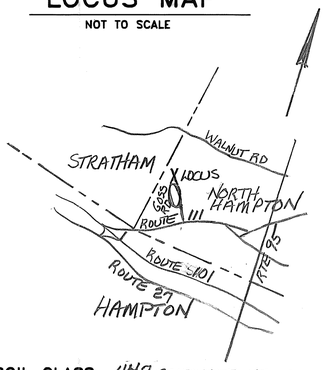
DATE: 6/28/93

APPROVAL: 199053

163 LOT 13

LOCUS MAP

NOT TO SCALE



SOIL CLASS: 447 SCITUATE-NEWFIELDS

(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 TOP IRON PIN EL 56.82

#2 SET NAIL 24" HEMLOCK EL 56.49

#3 SET NAIL 8" HARDWOOD EL 57.12

#4 SET NAIL 12" HDWD EL 54.78

DESIGN INTENT: BED BOTTOM TO BE PLACED NO LOWER THAN 23" ABOVE EXISTING GRADE, UPSLOPE SIDE (EXIS GRADE = 55.4). EQUALS 28" ABOVE GRADE AT ℄ 55.0 – 50%+ BED AREA DOWNSLOPE

SUITABLE REPLACEMENT AREA:

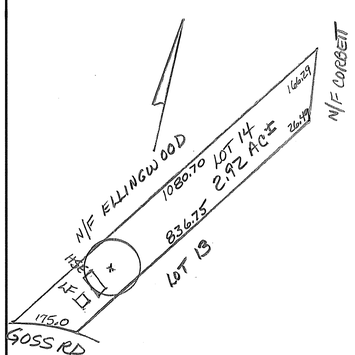
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

50	EXISTING CONTOUR
(50)	PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

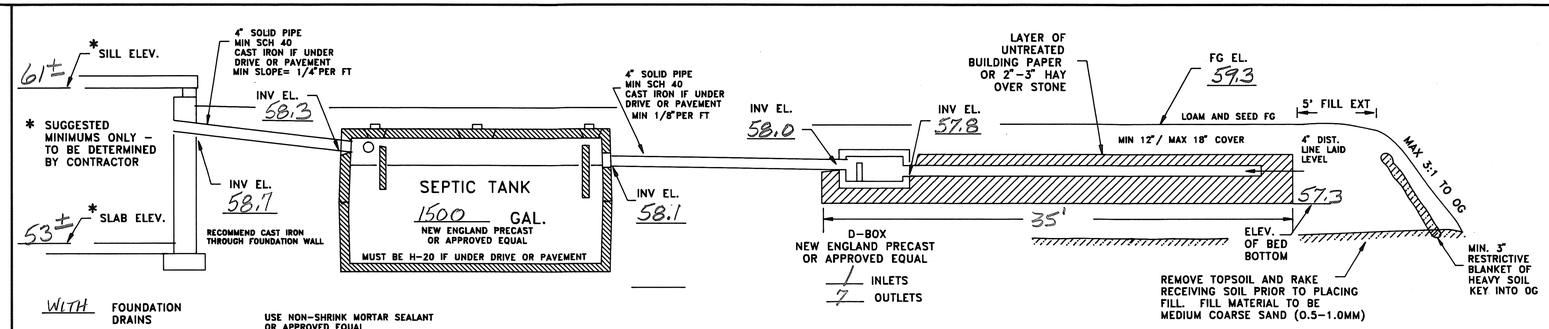
NOTES:

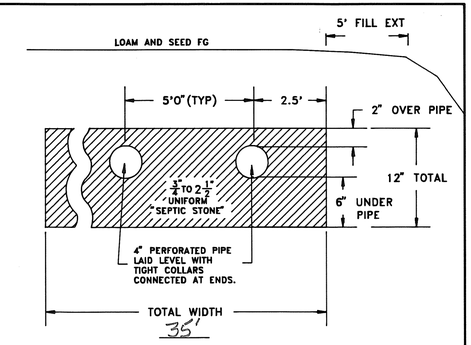
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: RCRD PLAN D 16404
2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: 23476
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 75' OF PROPOSED SYSTEM.
5. CONTRACTOR IS RESPONSIBLE FOR SITING PROPOSED HOUSE WITHIN REQUIRED SETBACKS.



PLOT PLAN

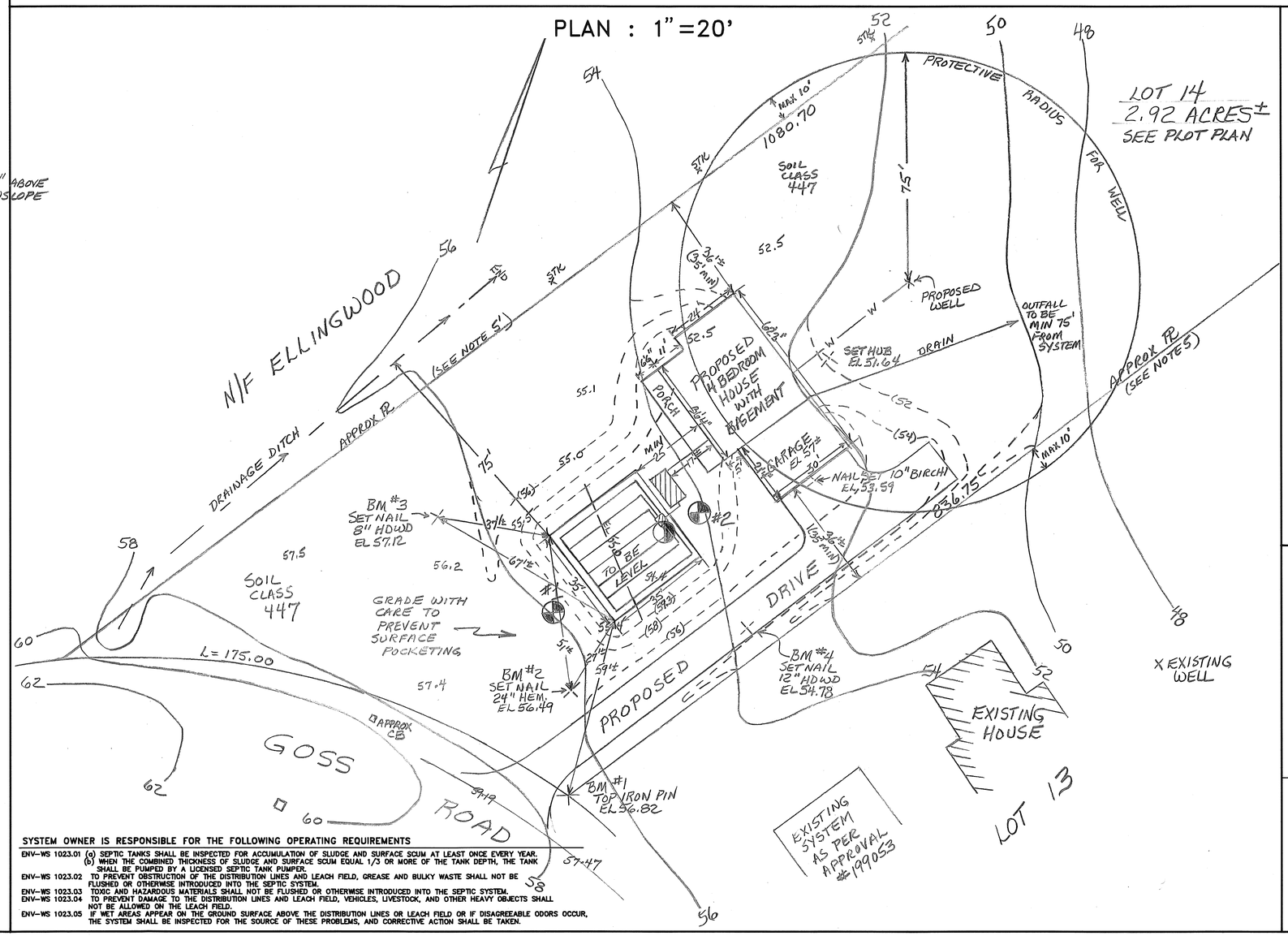
1"=APPROX 200'





CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

PLAN : 1"=20'



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA

DATE: 4/24/96

TOWN INSPECTOR: N/A

PIT #1

0-4" LOAM & ROOT MAT
4-30"± 10YR4/6 GRAVELLY FINE SANDY LOAM MOIST FRIABLE W/STONES
30"±-60" 2.5Y5/4 GRAVELLY FINE SANDY LOAM SATURATED
ESHWT @ 24" OBS H_2O @ 24", ROOTS TO 30"
NO REFUSAL

PIT #2

0-4" LOAM & ROOT MAT
4-20" 10YR4/6 GRAVELLY FINE SANDY LOAM MOIST FRIABLE
20-36" 10YR4/4 GRAVELLY LOAMY MED TO COARSE SAND, MOTTLED, FIRM IN PLACES
36-72" 2.5Y5/4 GRAVELLY FINE SANDY LOAM W/SILTS, SATURATED
ESHWT @ 20", OBS H_2O @ 28", ROOTS TO 30"
NO REFUSAL

PERC TEST DATA

DATE: 4/24/96

PERC RATE: 12 MIN/IN DEPTH: 24"

DESIGN LOADING: 4 BEDROOMS

AREA REQUIRED: 1200 SF

AREA PROPOSED: 35'×35' = 1225 SF PROVIDED

PROPOSED

SEPTIC SYSTEM PLAN

LOCUS: LOT 14 GOSS ROAD NORTH HAMPTON, NH

OWNER: TELERAN CONSTRUCTION
14 BROWN AVE
STRATHAM, NH 03885

NEW HAMPSHIRE Designer of Subsurface Disposal Systems *** Ann W. Bialobrzeski No. 348 Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

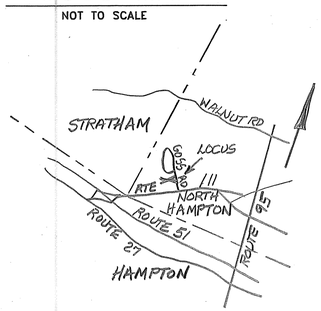
DATE: 5/8/96

APPROVAL: CA199600/975

163 LOT 14

LOCUS MAP

NOT TO SCALE



SOIL CLASS: 447 - SCITUATE-NEWFIELDS
32 - BOXFORD
523BH - SOIL SCIENTIST PD

(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 TOP OF IRON PIN EL 42.69

#2 SET NAIL 20" PINE EL 38.28

#3 SET NAIL 15" PINE EL 43.01
#4 RIM CATCH BASIN EL 50.90

DESIGN INTENT: BED BOTTOM TO BE PLACED NO LOWER THAN 18" ABOVE EXISTING GRADE, AT ELEV 43.0 - USING 50% FILL, 60% OF BED AREA DOWNSLOPE (SEE PLAN VIEW)

SUITABLE REPLACEMENT AREA:

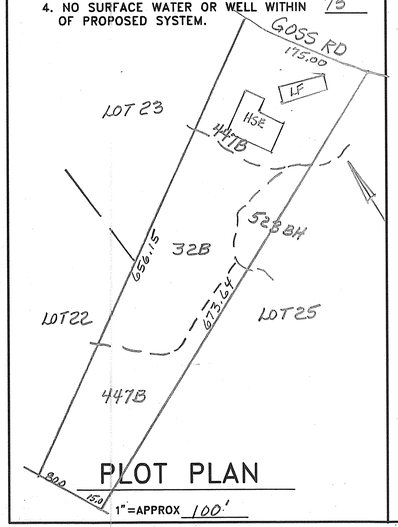
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

50	EXISTING CONTOUR
(50)	PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

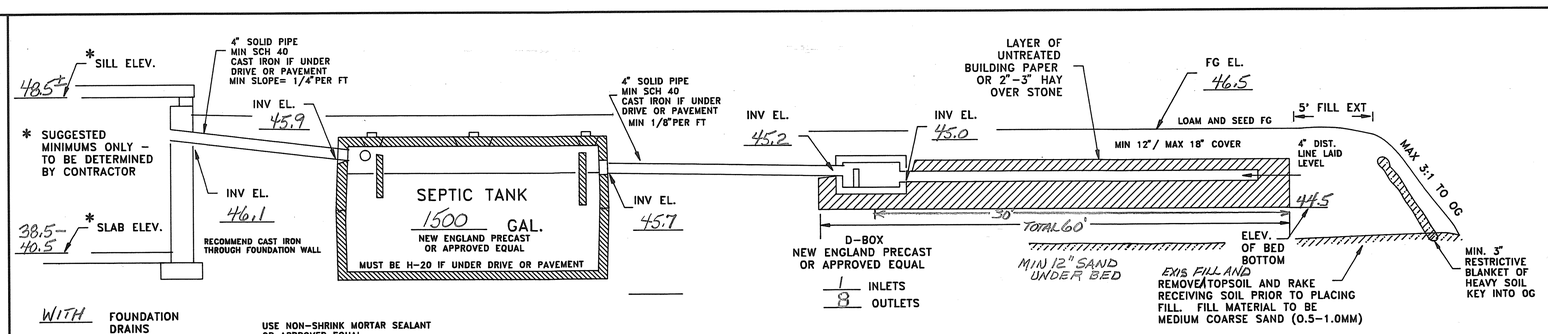
NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
   RCRD PLAN D 16404
2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: #23476
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 75' OF PROPOSED SYSTEM.

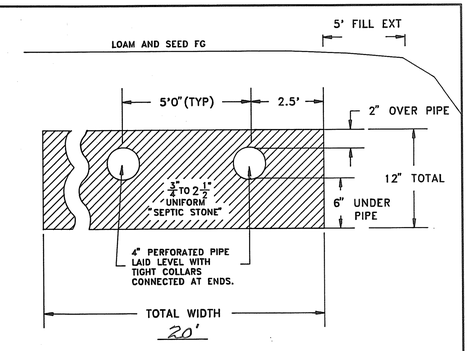


PLOT PLAN

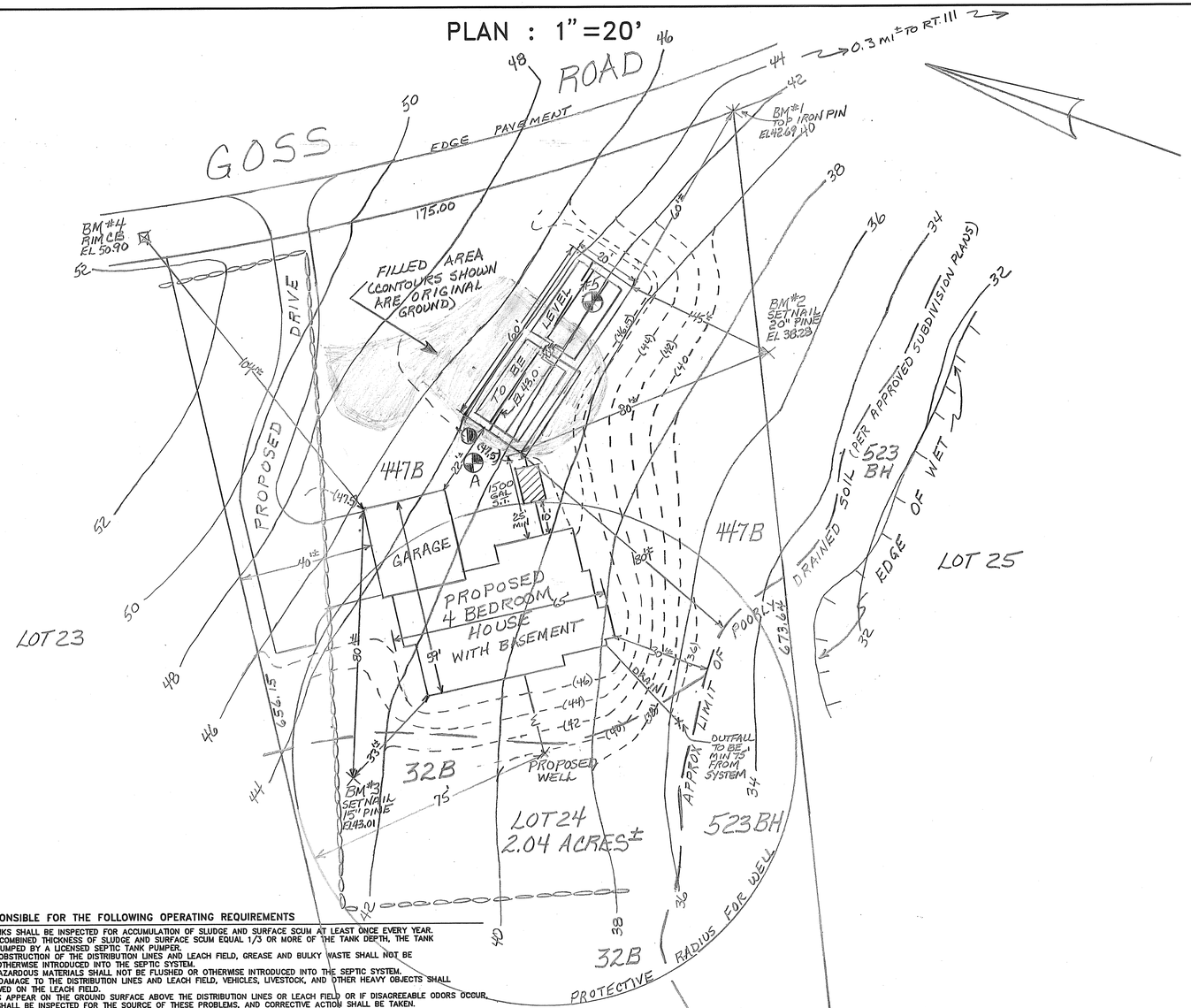
1"=APPROX 100'



CROSS SECTION DISPOSAL SYSTEM - NOT TO SCALE



PLAN : 1"=20'



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA

DATE: A - 4/15/93
#5 - 10/7/86 FROM APPROVED SUBDIVISION PLANS

TOWN INSPECTOR: N/A

PIT A EL 43.0 BY THIS DESIGNER
0-6" DARK BROWN (10YR 3/3) FINE SANDY LOAM GRANULAR FRIABLE
6"-30" DARK YELLOWISH BROWN (10YR 4/4 TO 4/6) GRAVELLY LOAMY FINE SAND, GRANULAR FRIABLE
30"-72" LIGHT OLIVE BROWN (2.5Y 5/4) GRAVELLY FINE SANDY LOAM, SOME STONES, MOTTLED FIRM IN PLACE, BLOCKY, WITH VEINS COARSE SAND
ESHWT @ 30", NO REFUSAL, SEEPAGE @ 30", ROOTS TO 36"+

PIT #5 EL 42.0 (FROM APPROVED PLANS)
0-1½" DARK BROWN FINE SANDY LOAM, FRIABLE GRANULAR
1½"-29" DARK YELLOWISH BROWN FINE SANDY LOAM, FRIABLE WEAK BLOCKY
29-41" LIGHT OLIVE BROWN VERY FINE SANDY LOAM FRIABLE, WEAK BLOCKY
41"-102" OLIVE GREY SILT LOAM ALTERNATING WITH FINE SAND, FIRM PLATY
ESHWT @ 29", PERCOLATION RATE 9 MIN/IN @ 20"

PERC TEST DATA

DATE: 4/15/93
PERC RATE: 10 MIN/IN DEPTH: 24"
DESIGN LOADING: 4 BEDROOMS
AREA REQUIRED: 1100 SF
AREA PROPOSED: 20 x 60 = 1200 SF

PROPOSED
SEPTIC SYSTEM PLAN

LOCUS: LOT 24 GOSS ROAD
NORTH HAMPTON, NH

OWNER: LANDMARK BUILDERS
861 LAFAYETTE RD
HAMPTON, NH 03842

NEW HAMPSHIRE Designer of Subsurface Disposal Systems
Ann W. Bialobrzeski No. 348
Water Supply & Pollution Control

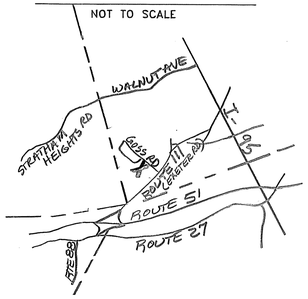
APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

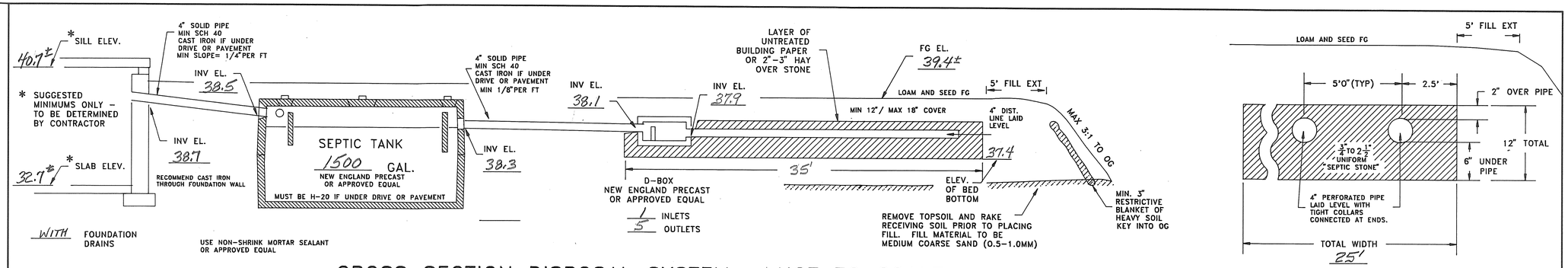
DATE: 4/26/93
APPROVAL: 197884

163 LOT 24

LOCUS MAP

NOT TO SCALE





CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

SOIL CLASS: 447 - SCITUATE - NEWFIELDS
523 BH - POORLY DRAINED
681 BH - VERY POORLY DRAINED
(SOURCE: USDA-SCS SOIL SURVEY) & SOIL SCIENTIST MAPPING)

BENCH MARKS: DATUM = ASSUMED

#1 SET NAIL 18" PINE EL 37.12

#2 SET NAIL 6" BEECH EL 38.00

#3 SET NAIL BEECH EL 35.59

#4 SET NAIL 12" MAPLE EL 34.22

DESIGN INTENT: BED BOTTOM TO BE PLACED NO LOWER THAN 0.3' ABOVE EXISTING GRADE, UPSLOPE SIDE (EXIS GRADE = EL 37.1). EQUALS 8" ABOVE GRADE AT TEST PIT (EL 36.7). 55% OF BED AREA DOWNSLOPE.

SUITABLE REPLACEMENT AREA:

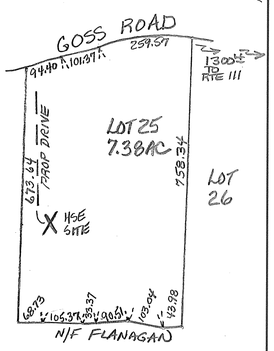
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

50	EXISTING CONTOUR
(50)	PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

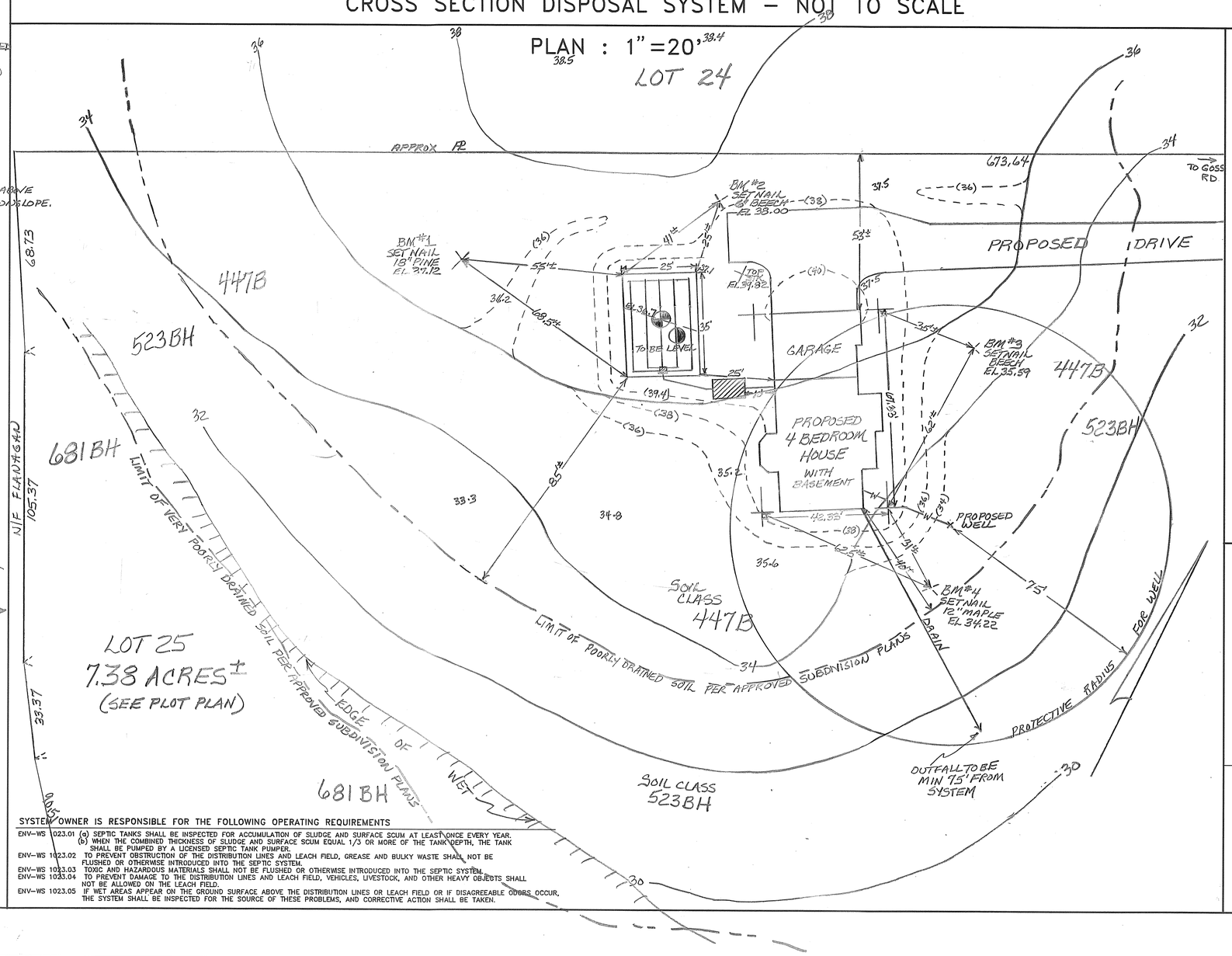
NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: RCRD PLAN #D16404
2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: #23476
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 75' OF PROPOSED SYSTEM.



PLOT PLAN

1" = APPROX 200'



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA

DATE: 7/13/94

TOWN INSPECTOR: N/A

TEST PIT EL 36.7

0-4" LOAM & ROOT MAT

4-30" YELLOWISH BROWN (10YR5/6) LOAMY FINE TO MEDIUM SAND GRANULAR FRIABLE

30"-42" LIGHT OLIVE BROWN (2.5Y5/4) FINE TO MEDIUM SAND GRANULAR FRIABLE

42"-72" LIGHT OLIVE BROWN (2.5Y5/4) FINE TO MEDIUM SAND, SOME SILTS MOTTLED, SOMEWHAT FIRM

ESHWT @ 40" (MOTTLES), NO OBS H_2O, ROOTS TO 40"+, NO REFUSAL

PERC TEST DATA

DATE: 7/13/94

PERC RATE: 4 MIN/IN DEPTH: 26"

DESIGN LOADING: 4 BEDROOMS

AREA REQUIRED: 825 SQ FT

AREA PROPOSED: 25 x 35 = 875 SQ FT

PROPOSED

SEPTIC SYSTEM PLAN

LOCUS: LOT 25 GOSS ROAD
NORTH HAMPTON, NH

OWNER: DONALD & DELIA KERLEY
c/o LANDMARK BUILDERS
861 LAFAYETTE ROAD
HAMPTON, NH 03842

NEW HAMPSHIRE Designer of Subsurface Disposal Systems
Ann W. Bialobrzeski No. 348
Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

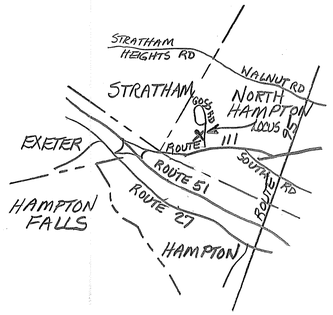
DATE: 7/24/94

APPROVAL: 206005

163 LOT 25

LOCUS MAP

NOT TO SCALE



SOIL CLASS: 60B CHATFIELD-HOLLIS-CANTON

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET NAIL 24" PINE EL 83.40

#2 SET NAIL 24" PINE EL 82.26

#3 SET NAIL 24" PINE EL 84.70

DESIGN INTENT: BED BOTTOM TO BE PLACED NO LOWER THAN 12" ABOVE EXISTING GRADE, UPSLOPE SIDE (EXIS GRADE = 82.7). EQUALS 24" ABOVE GRADE AT EL 81.7 – 65% OF BED AREA DOWNSLOPE

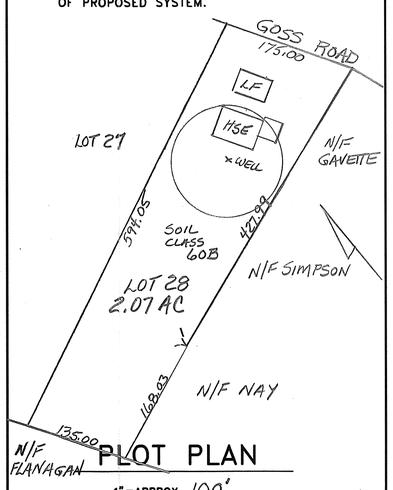
SUITABLE REPLACEMENT AREA: SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

- 50 — EXISTING CONTOUR
- (50) — PROPOSED CONTOUR
- 50.0 — EXISTING SPOT ELEVATION
- (50.0) — PROPOSED SPOT ELEVATION

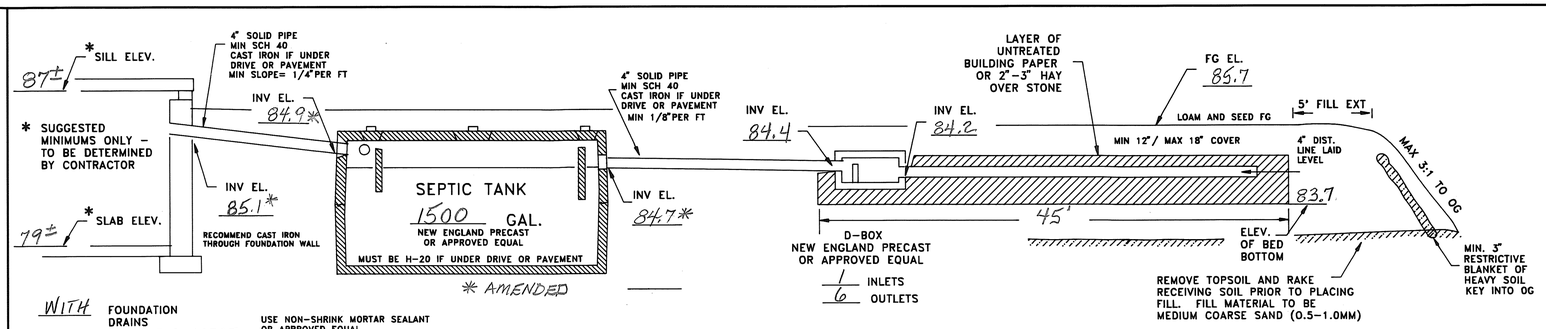
NOTES:

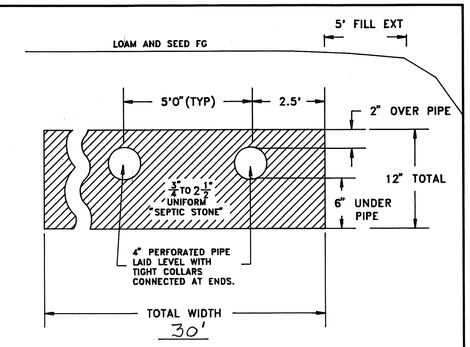
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: BCRD PLAN D-16404
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: #23476
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 75' OF PROPOSED SYSTEM.



PLOT PLAN

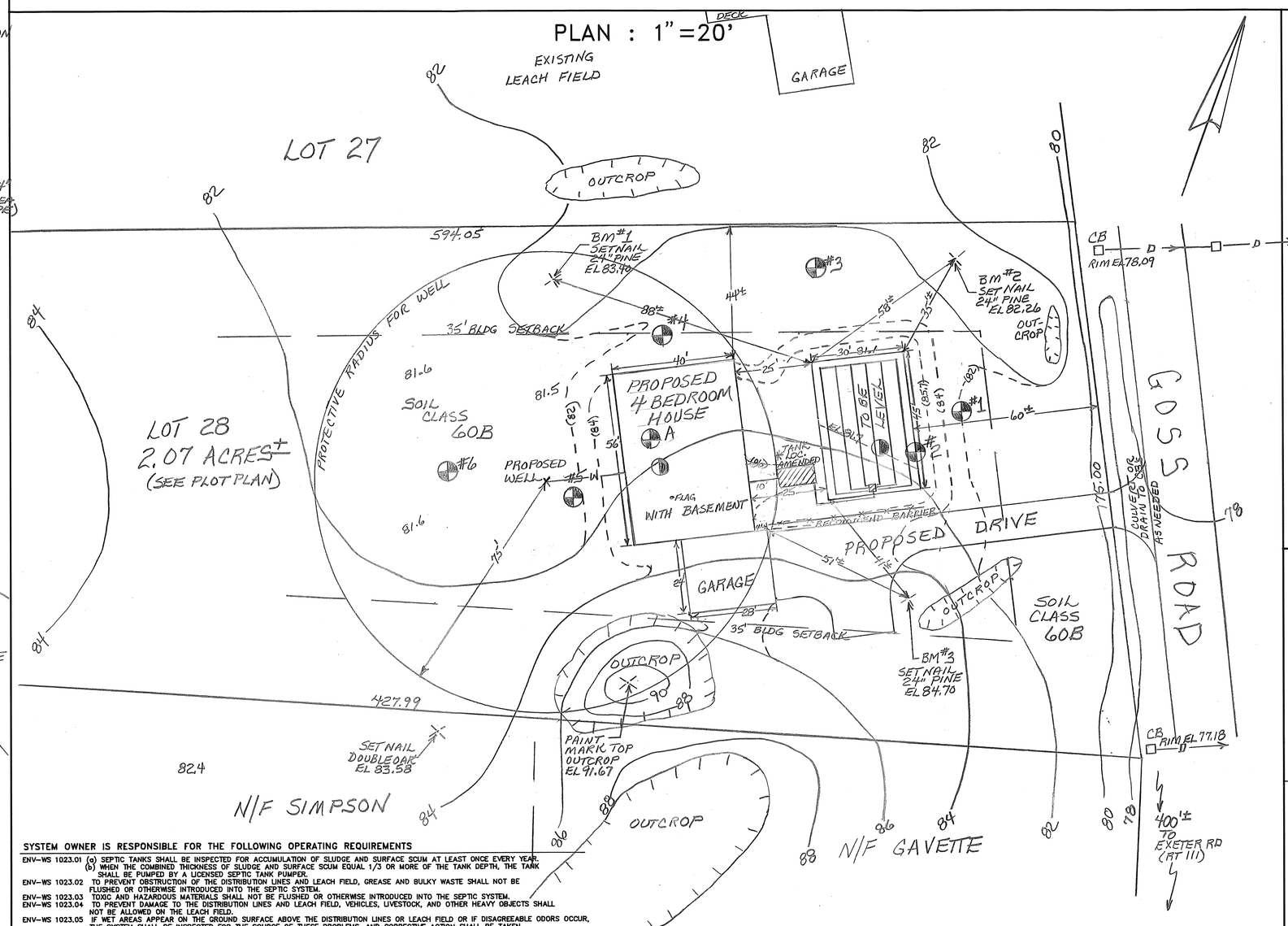
1" = APPROX 100'





CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

PLAN : 1" = 20'



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA

DATE: 4/14/94, 4/19/94

#2 EL 81.4
0-4 LOAM & ROOT MAT
4-24" DARK YELLOWISH BROWN (10YR 4/6) GRAVELLY FINE SANDY LOAM GRANULAR FRIABLE
24-60" LIGHT OLIVE BROWN (2.5Y 5/4) GRAVELLY FINE SANDY LOAM WEAK BLOCKY, FIRM IN PLACE (MOTTLED)
ESHWT @ 24", SEEPAGE @ 36", LEDGE @ 60; ROOTS TO 30"

#3 EL 81.3
0-4" LOAM & ROOT MAT
4-12" 10YR 3/6 FSL GRANULAR FRIABLE
12-42" 2.5Y 5/4 FSL FRIABLE WEAK BLOCKY (FIRMER & MOTTLED BELOW 20")
ESHWT @ 20", LEDGE @ 42", NO OBS H_2O

#4 EL 81.0
SAME AS #3 EXCEPT 48" DEPTH
ESHWT @ 20", LEDGE @ 48", NO OBS H_2O

#5 EL 81.5
SAME EXCEPT
ESHWT @ 22", LEDGE @ 48", NO OBS H_2O, ROOTS TO 30"

#6 EL 81.6
SAME EXCEPT ESHWT @ 24", LEDGE @ 42"

#1 EL 81.3
SAME AS #2 EXCEPT LEDGE @ 42", ESHWT @ 26"

A EL 81.7± FROM APPROVED SUBDIVISION PLANS BY BURGIN
0-1" DARK BROWN FINE SANDY LOAM, FRIABLE GRANULAR
1-24" OLIVE FINE SANDY LOAM, FRIABLE, WEAK BLOCKY
24-103" OLIVE FSL w/ PROMINENT GRAY MOTTLES, FIRM MASSIVE
ESHWT @ 22"

PERC TEST DATA

#2 4/19/94

DATE: A FROM APPROVED SUBDIVISION

PERC RATE: #2 – 12 min/in, A – 15 min/in (USE 14 MIN/IN) DEPTH: #2-24", A-20"

DESIGN LOADING: 4 BEDROOMS

AREA REQUIRED: 1275 SF

AREA PROPOSED: 30 × 45 = 1350 SF PROVIDED

PROPOSED AMENDED*

SEPTIC SYSTEM PLAN

LOCUS: LOT 28 GOSS ROAD NORTH HAMPTON, NH

OWNER: LANDMARK BUILDERS
861 LAFAYETTE RD
HAMPTON, NH 03842

NEW HAMPSHIRE Designer of Subsurface Disposal Systems *** Ann W. Blaiobrzeski No. 348 Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

DATE: 4/26/94

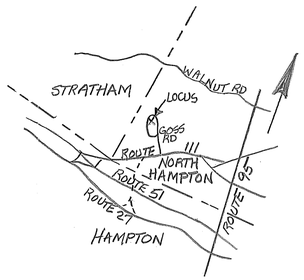
APPROVAL: 203923

* AMENDED 8/23/94 TANK LOCATION

163 LOT 28

LOCUS MAP

NOT TO SCALE



SOIL CLASS: 43C CANTON / 447B SCITUATE-NEWFIELDS

(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET NAIL 12" HEMLOCK EL 66.82

#2 SET PK EDGE PAVEMENT EL 65.69

#3 TOP IRON PIN EL 69.20

DESIGN INTENT: BED BOTTOM TO BE PLACED NO LOWER THAN ⟶ EXISTING GRADE, UPSLOPE SIDE (EXIS GRADE = EL 64). (SEE NOTE 5) USING 50% RULE

SUITABLE REPLACEMENT AREA:

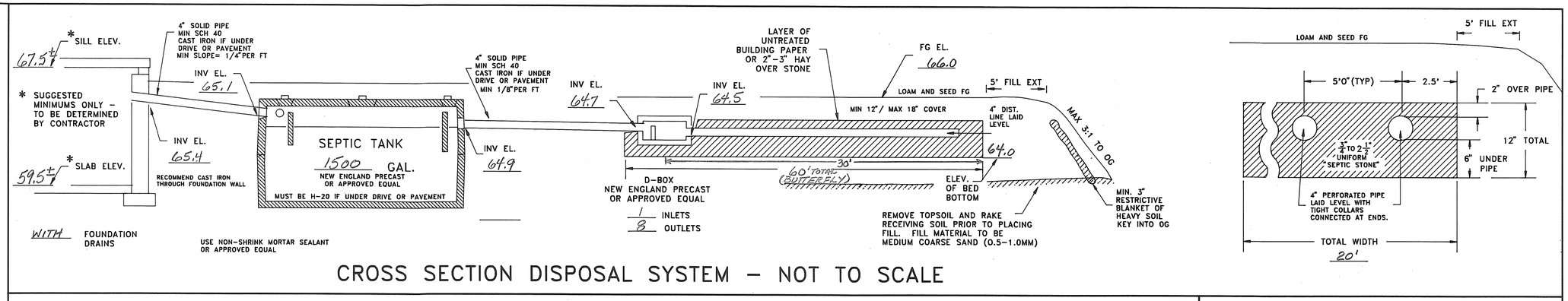
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

50	EXISTING CONTOUR
(50)	PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

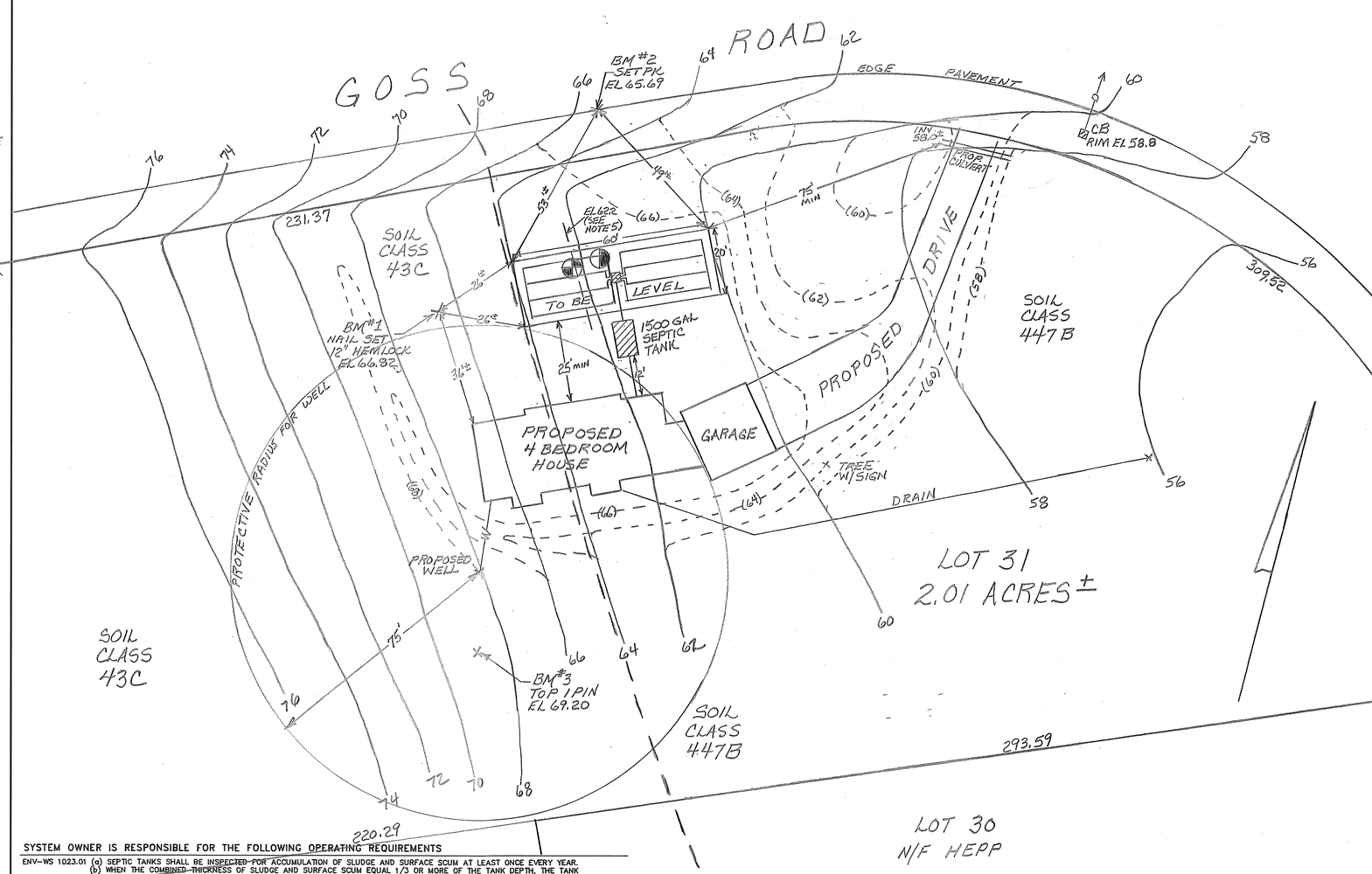
NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: RCRD PLAN #D16404
2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: #23476
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 100' OF PROPOSED SYSTEM.
5. SYSTEM MEETS 4' ABOVE ESHWT AT EL 62.2 (SEE PLAN VIEW) 67%± OF BED AREA LIES DOWNSLOPE FROM EL 62.2 AND EXCEEDS 4' ABOVE ESHWT



CROSS SECTION DISPOSAL SYSTEM - NOT TO SCALE

PLAN : 1" = 20'



PLOT PLAN

1" = APPROX.

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA

DATE: 10/15/92

TOWN INSPECTOR: N/A

TEST PIT EL 62.2

0- 26" DARK YELLOWISH BROWN (10YR 4/6) GRAVELLY FINE SANDY LOAM, GRANULAR FRIABLE

26"- 72" LIGHT OLIVE BROWN (2.5Y 5/3) GRAVELLY SILTY SANDY LOAM, SOMEWHAT FIRM, MOTTLED

ESHWT @ 26", NO OBS H_2O, NO REFUSAL

PERC TEST DATA

DATE: 10/15/92

PERC RATE: 12 MIN/IN DEPTH: 24"

DESIGN LOADING: 4 BEDROOMS

AREA REQUIRED: 1200 SF

AREA PROPOSED: 20'x 60' = 1200 SF

PROPOSED

SEPTIC SYSTEM PLAN

LOCUS: LOT 31 GOSS ROAD NORTH HAMPTON NH

OWNER: LANDMARK BUILDERS 861 LAFAYETTE RD HAMPTON NH 03842

NEW HAMPSHIRE Designer of Subsurface Disposal Systems ★★★ Ann W. Bialobrzeski No. 348 Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

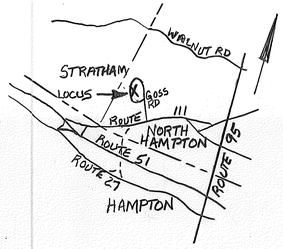
DATE: 12/1/92

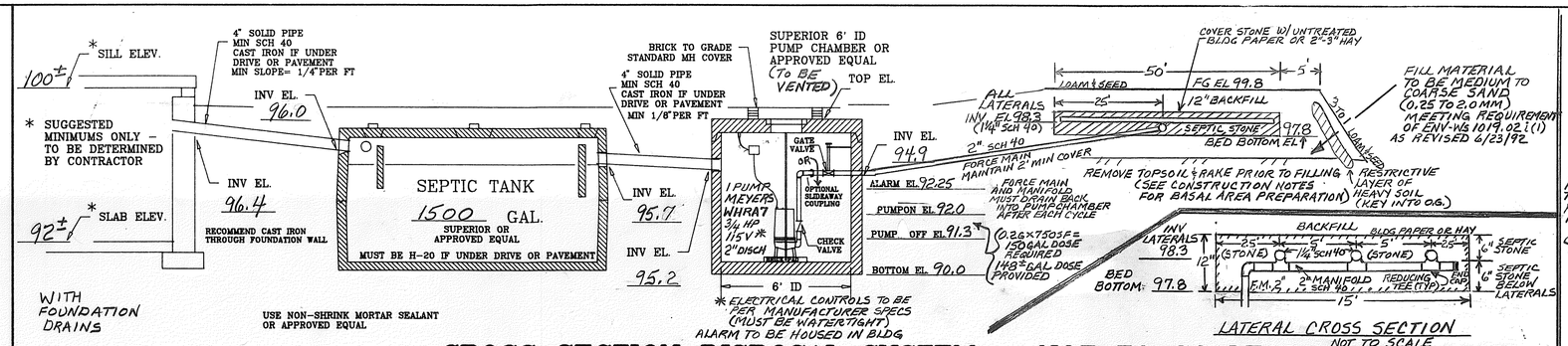
APPROVAL: #196358

163 LOT 31

LOCUS MAP

NOT TO SCALE

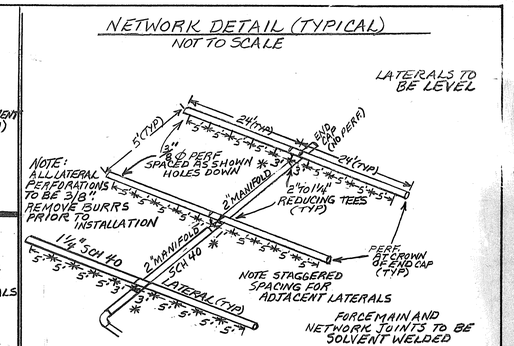




CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

NETWORK DETAIL (TYPICAL)

NOT TO SCALE



SOIL CLASS: 67B PAXTON
43C CANTON

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: ASSUMED DATUM

#1 END PK 2' UP IN 8" TREE EL 100.00

#2 SET HUB EL 92.73

#3 SET NAIL BASE OAK EL 99.56

DESIGN INTENT: BED BOTTOM TO BE PLACED NO LOWER THAN 15" ABOVE EXISTING GRADE, UPSLOPE SIDE (EXIS GRADE = 96.5) (USING 50% RULE – SEE NOTE 5)

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

	EXISTING CONTOUR
	PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:

   RCRD PLAN #D 16404

2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: #23476
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 100' OF PROPOSED SYSTEM.
5. SYSTEM MEETS 4' ABOVE ESHWT ALONG 96 CONTOUR – 60% OF BED AREA LIES DOWNSLOPE FROM 96 CONTOUR AND EXCEEDS 4' ABOVE ESHWT

CONSTRUCTION NOTES

1. BASAL AREA PREPARATION TO BE INSPECTED BY DESIGNER PRIOR TO FILL PLACEMENT. AN INSPECTION REPORT SHALL BE FILED WITH STATE INSPECTOR AT TIME OF FINAL INSPECTION
2. CAUTION MUST BE EXERCISED DURING FILL PLACEMENT / SITE PREPARATION TO AVOID COMPACTION OR SMEARING OF INFILTRATIVE SURFACE.
3. RECEIVING SOIL TO BE PREPARED DURING DRY WEATHER CONDITIONS. SOIL MUST NOT BE WET. RAKE BEFORE PLACING FILL. MAINTAIN 8-12" OF FILL BETWEEN EQUIPMENT TRACKS AND PREPARED SURFACE.

HYDRAULIC CALCULATIONS

SELECTED DISTRIBUTION NETWORK:
6 LATERALS (EACH 24' LONG), 1¼" DIAM, 5' APART, 3/8" PERFORATIONS SPACED AS SHOWN IN NETWORK DETAIL FED BY A 2" MANIFOLD FROM A 2" FM

1. PERF. DISCH RATE = $(11.79)(0.375)^2(2.5)^{1/2} = 2.62$ GPM
2. GPM PER LATERAL = (5)(2.62) = 13.1 GPM
3. GPM PER FIELD = (6)(13.1) = 78.6 GPM
4. HEAD CALCULATIONS: $H_s = 98.3 - 91.3 = 7'$

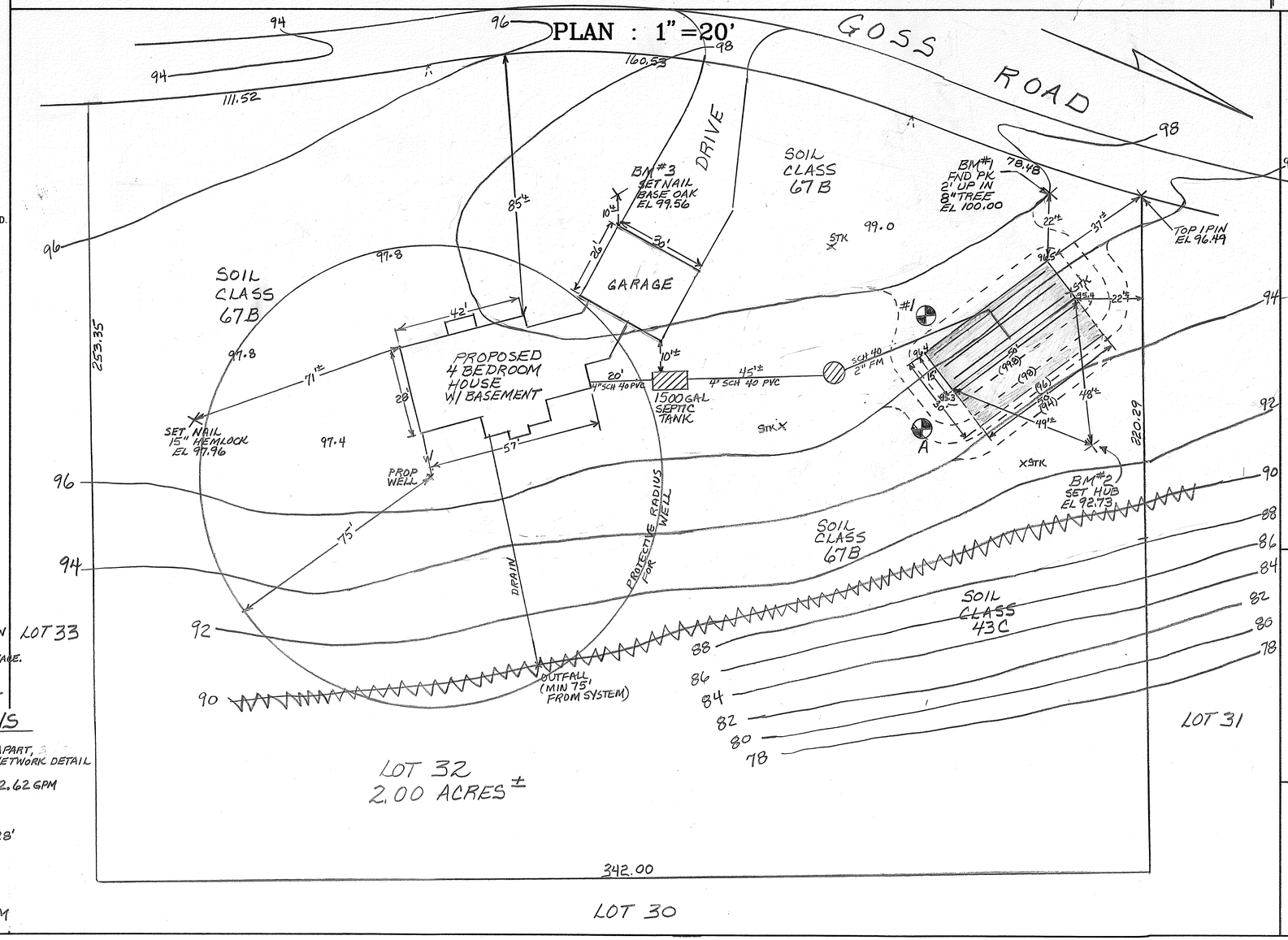
   $H_d = (2.5)(1.31) = 3.28'$

   $H_f = {}^{*}70' \left[\frac{(3.55)(78.6)}{(150)(2)^{2.63}}\right]^{1.85} = 7.6'$

   * EFFECTIVE LENGTH INCL FITTINGS, ETC.

   TDH = 17.85 SAY 18'

CAPACITY OF MEYERS WHRA7 PUMP @ 18' TDH = ±90 GPM



TEST PIT DATA

DATE: 10/15/92

TOWN INSPECTOR: N/A

#1	EL 97.2
TOPSOIL 10YR 3/4 FINE SANDY LOAM	3"
DK YELLOWISH BROWN (10YR 4/6) FINE SANDY LOAM, GRANULAR FRIABLE	14"
LT OLIVE BROWN (2.5Y 5/6) FINE SANDY LOAM, GRANULAR FRIABLE	27"
LT OLIVE BROWN (2.5Y 5/4) FINE SANDY LOAM MOTTLED FIRM BLOCKY (SOME SILTS)	ESHWT @ 27" NO OBS H2O NO REFUSAL 72"

A	FROM APPROVED PLAN PLAN BY OTHERS
HUMUS	4"
ORANGE BROWN FINE SANDY LOAM (LOOSE)	28"
FIRM OLIVE BROWN FINE SANDY LOAM	58"

PERC TEST DATA

DATE 10/20/92

PERC RATE: 16 MIN/IN (25" DEPTH)

PRESSURE DISTRIBUTION

DESIGN LOADING: 4 BEDROOMS @ 0.8 GPD/SQ FT = 750 SF (SYSTEM)

AREA REQUIRED: 1350 SF (BASAL AREA)

AREA PROPOSED: 15 × 50 SF = 750 SF (SYSTEM)
30 × 50 SF = 1500 SF (BASAL AREA) SHADED

PROPOSED PRESSURE DISTRIBUTION

SEPTIC SYSTEM PLAN

(PREVIOUS APPVL #192281)

LOCUS: LOT 32 GOSS ROAD
NORTH HAMPTON, NH

OWNER: TOM McMANUS
℅ LANDMARK BUILDERS
861 LAFAYETTE RD
HAMPTON, NH 03842

NEW HAMPSHIRE Designer of Subsurface Disposal Systems
Ann W. Blalobrzeski No. 348
Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

DATE: 11/12/92

APPROVAL: #196257

163 (LOT 32)